



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): KARLSSON et al.

Confirmation No.:

Application No.: 10/698,265

Examiner:

Filing Date: 10/30/2003

Group Art Unit:

Title: METHOD OF INSTANTIATING DATA PLACEMENT HEURISTIC

COMMISSIONER FOR PATENTS
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

- ☒ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
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Typed Name: Daniel Ratoff

Signature: 

Respectfully submitted,

KARLSSON et al.

By 

Derek J. Westberg

Attorney/Agent for Applicant(s)

Reg. No. **40,872**

Date: **02/05/2004**

Telephone No.: **(408) 293-9000**

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**LIST OF PATENTS AND PUBLICATIONS FOR
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STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

200312448-1

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REFERENCE DESIGNATION**U.S. PATENT DOCUMENTS**

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	1L					
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	Sugih JAMIN, Cheng JIN, Anthony R. KURC, Danny RAZ and Yuval SHAVITT, Constrained Mirror Placement on the Internet, INFOCOM, 2001.
	1R	Magnus KARLSSON and Christos KARAMANOLIS, Bounds on the Replication Cost for QoS, Technical Report HPL-2003-156, Hewlett-Packard Company, Palo Alto, CA, July 24, 2003. < http://www.hpl.hp.com/techreports/2003/HPL-2003-156.pdf >
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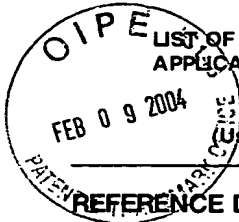
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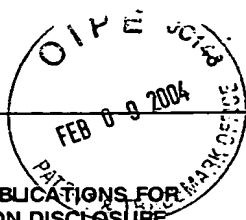
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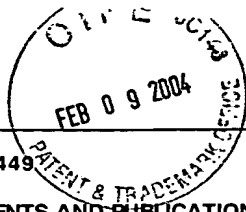
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5R	Mark S. DASKIN and Susan H. OWEN, Partial Covering P-Center and Partial Covering Set Covering Models, Presentation, International Symposium on Location Decisions (ISOLDE VIII), Portugal, June, 23-29, 1999.
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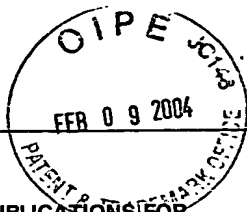
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6Q	Lawrence W. DOWDY, Derrell V. FOSTER, Comparative Models of the File Assignment Problem, ACM Computing Surveys (CSUR), Volume 14, Number 2, Pages 287 - 313, ACM Press, New York, NY, June 1982.
6R	Pierre CHARDAIRE, Facility Location Optimization and Cooperative Games, Ph.D. Thesis, pages 46-62, Chapter 3 and Pages 175-184, Bibliography, School of Information Systems, University of East-Anglia, Norwich UK, 1998.
6S	Magnus KARLSSON, Christos KARAMANOLIS, 10/698,263, October 30, 2003. (Attorney Docket Number 200311960-1)

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	7R	Magnus KARLSSON, Christos KARAMANOLIS, 10/698,264, October 30, 2003. (Attorney Docket Number 200311962-1)
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